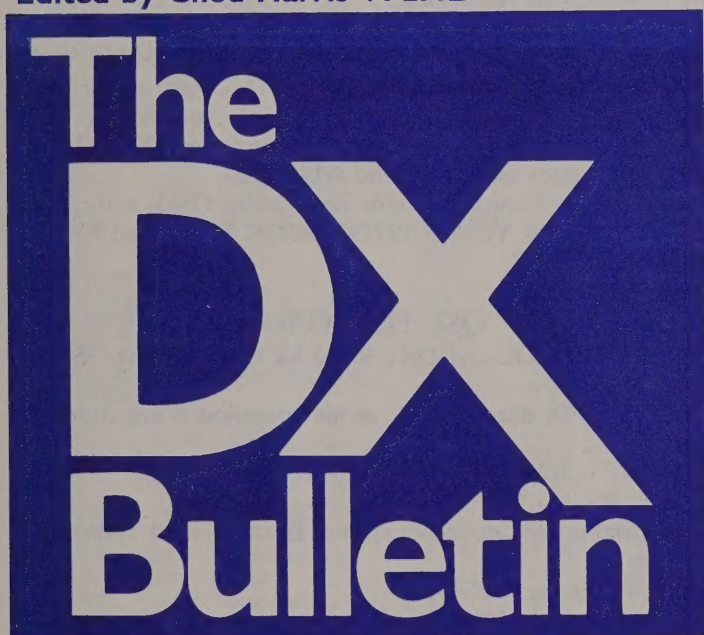


**Conway Reef - 3D** Veteran Pacific DXpeditioner Pekka (Peter) Kolemäinen OH1RY and other Finnish DXers will operate as **3D2RY** from Conway Reef Nov. 3-13. The Conway Reef stop is one of several on their one-month Pacific trip which will also include operation in the CQWW SSB test as **YJ0RY** by OH1RY and **3D2VV** or **FW0?** by Vili OH2BAZ. OH2BGD and OH2VB will be the other Conway Reef operators. All bands and modes, including RTTY. The crew seeks 2 3-kw generators in Vanuatu, and 6-meter gear. (Conway Reef has an excellent chance of being a new DXCC country by November. -ed.)

**Malta - 9H** Sigi Bill HB9DLE will operate as **9H1IN** July 26-Aug. 3. He'll be on all bands 80-10, on the usual DX frequencies (see Issue 489.) QSL home call: Box 34, CH-5300 Turgi, Switzerland.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

**Rotuma - 3D** "Bing" Crosby VK2BCH says he will operate from Rotuma as **3D2XV** in late June and early July. Bing was active last month from South Cook Islands as **ZK1XV**. SSB only, 160-6 meters. QSL to home call after his return in August: Box 344, Forster NSW 2428, Australia. Other possible stops on his multi-nation tour include Western Samoa as **5W1GY**, American Samoa as **KH8/VK2BCH**, and Tokelau.

**La Blanquilla Island - YV** The Venezuelan Navy will operate as **YY5LB** from this island (SA-??) July 19-22 on all bands 160-10 meters, CW, SSB, and RTTY. The first five stations contacting them on three different bands get special awards. Anyone contacting them on three bands gets a certificate. QSL Radio Club Venezolano, Box 2285, Caracas 101-A, Venezuela, or via the bureau. The island is too close (95 miles) to the coast of Venezuela to count as a new DXCC country.

## Shortly Noted

- Thanks to the efforts of Lee Wical KH6BZF, the WWVH reference station in Kauai, Hawaii now carries the SESC geophysical alert broadcasts, at 45 minutes after the hour. Thus if you miss the WWV report at 18 minutes after, you can catch the WWHV report a half hour later.
- **A61AC** has been active in a net on 14250 kHz at 0300Z, and 20-meter SSB 17-1800Z. The operator says his name is Hamdan, and to QSL to Box 4221, Dubai, UAE. **A61AB** has also been active recently; see Bandpass.
- Peter **ZS8MI** has been active on slow-speed CW up at 14075 kHz, after 1300Z. QSL ZS6PT.
- Yoland **FR5AI/G** wraps up his operation soon. He usually listens up 1 kHz, and has little tolerance for unruly pile-ups.
- **TY1OR** is Oscar, and asks for QSLs to P.O.Box 1437, Cotonou, Benin.
- DXPress says **LA7FD** will operate as **J57FD** for two weeks starting June 20, all bands, SSB and CW. QSL home call.
- DX-NL reports that **DL7MAF/KC6** will be active in June from Belau (Western Carolines). QSL home call.
- Martti Laine OH2BH is taking a short break from his whirlwind DXpedition efforts (XF4L, S01DX, 4J1FS) and will be on as **OH2BH/EA8** for a couple of months.
- Tom O'Brien **KC4USV** from McMurdo Base in Antarctica is very active weekends on 14205 kHz. Try 10-1400Z. QSL Box 100, Code 50, NSFA, Det. McMurdo, FPO San Francisco 96692-1000.
- **GB4JUL** will be active from North Yorkshire July 1-4, especially looking for USA stations on 80 meters. QSL KE2AE, G0FHP, or via the bureau. (Thanks DXNS.)
- And Prefix-of-the-week honors got to **0T8C**, from (NA-117) (DXCC country of Costa Rica.) QSL TI0RC.
- The June 12 issue of *New Yorker* Magazine contains the first of a three-part series on the hazards of electromagnetic radiation. Don't miss it.
- Regulars (callsign, frequency or band, UTC): **3B8DB** 20M CW 1300Z; **4K0F** 14003 0400Z; **JW/VK9NL** 14020-25 15-1800Z; **JX7DFA** 14010 1100, 2300Z; **Z21FN** 20M CW 1330Z; **3B9FR** 14165-195 long path 1130Z; **A41KJ** 14170-185 long path 13-1400Z; **CN2AQ** 20M SSB 0300Z; **KC6JC** 20M SSB 1200Z; **S79J** 14194 long path 1300Z; **VK0GC** 14160-200 0400Z; **KG4XO** 21027 23-0100Z; **TA2BK** 21028 00-0300Z, 15M SSB 16-2200Z; **9K2KS** 21250-65 00-0200Z; **9Q5XX** 21245 17-1800Z; **D44BS** 15M SSB 17-1800Z, 28500 14-1600Z; **S92LB** 21279 2200Z; **SU1EK** 21270-280 0030-0200Z; **VR6MW** 21360 23-0200Z; **YI1BGD** 21260 0245; **9Q5DX** 10M CW 2000Z; and **VP8BUB** (South Georgia) 28470 1530Z.
- SSB net check-ins: 40M **TZ6MG** 7P8EG **AL7FG** **YV5LMG** **HC4VL**; 20M **YK1AO** **A61AB** **FT4ZE** **A61AC** **TT8CW** **FO5LZ** **3X1SG** **TR8RS** **5T5HH** **YI1BGD** **VQ9ZZ** **7X4AN** **EP2HZ** **T30AC** **V85AH** **BY4WNG** **9M2HB** **FH5CL**; 15M **6W1PZ** **9X5KP** **4S7NMR** **TF3IM** **OE5GML/YK** **D44BS** **9J2BO**.
- RTTY activity: **SU1EE** 14091 0230Z; **YI1BGD** 14073 **ARQ** 1500Z; **5Z4BH** 21090 2100Z; **OX3GC** 14085 0430Z; **UC2ACT** 14093 0600Z; **T5MF** 21078 1800Z; **9J2AL** 21090 2000Z; **JT1KAI** 14085 1000Z; **TA1AE** 14081 1120Z.



## Propagation

### Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
June 1989	Date Flux A K	Date Flux A K
16 High Normal	5/20 198 19/16 0	4/22 185 06/08 1
17 High Normal	5/21 213 09/11 0	4/23 193 11/18 3
18 High Normal	5/22 199 15/14 4	4/24 189 09/09 2
19 Below Normal	5/23 206 34/31 4	4/25 177 21/28 5
20 Disturbed	5/24 202 45/56 3	4/26 173 38/62 3
21 Low Normal	5/25 198 21/27 2	4/27 172 31/44 3
22 Low Normal	5/26 184 11/19 3	4/28 179 27/37 3
23 Low Normal	5/27 171 15/24 3	4/29 184 20/32 3
24 Low Normal	5/28 169 14/17 3	4/30 175 20/24 2
25 Low Normal	5/29 171 14/18 2	5/01 178 11/12 3
26 High Normal	5/30 179 14/15 4	5/02 181 20/22 4

### Propagation Watch

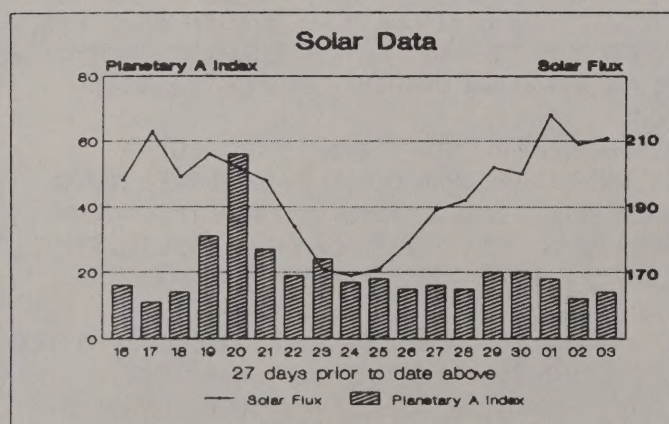
Solar activity picked up dramatically last week, which was both good and bad news for DXers. The solar flux finally broke out of its three-month doldrums and soared to 266, the highest level since mid-March. Unfortunately, the increase in solar activity also disturbed the geomagnetic field, with a major storm as the result.

The culprit in this activity was Sunspot Region 5528, a large, complex region that produced an almost-continuous series of flares, especially on June 10. This spot is only half the size of the block-buster Region 5395 that tore apart the bands in mid-March, but is still active enough to boost the planetary A index to 64. Throughout June 10, the planetary K index hovered at 5-6: minor-to-major storm levels.

The geomagnetic storm affected propagation in the high latitudes more than in the equatorial regions. Thus the low-latitude and north-south paths still produced some good DX, but the polar path, and the long path, which passes through polar regions, were poor.

Although Region 5528 will rotate around the back of the sun soon, two other active regions may keep the level of solar activity high. Region 5533 is growing rapidly, and is capable of lots of flares. And Region 5497, which was very active during the previous solar revolution, is coming back into view.

In the absence of geomagnetic storms, 15 meters will continue to provide good DX from before dawn to after sunset. 20 meters can be open almost 24 hours a day, to some part of the world. 17 meters should also be open, but reports are few. When the geomagnetic field is quiet, check the long path around local dawn and in the early evening. E skip can make 10 and 6 meters interesting; keep an ear out.



## QSL Help Wanted

- N6AHU is looking for the current address of Robert Clay ex-KB7HB, QSL manager for **9G1RT** and **C5AZ**.
- VE1YX is looking for current callsigns or addresses for W3NNC (manager for **EL3A**) and K1WXP (manager for **HS3MJ**).
- W1JR needs the address of CE0OGZ on Juan Fernandez (Box 1?), and how to confirm **9U5PD** from Oct., 1960.
- N3AHA seeks QSL routes for **P29CH**, July 1982, **T2ADF** July 1980, and **UD2AN** March 1980.
- N0AXM needs a QSL route for **ZL7TZ**, April, 1989.
- HA5HR looks for QSL info for **CR6IY** 1971, **8R1IJ**, **KA3BLU/8R1**, **J6LPS**, **J6LKR**, **XE1OG**, **XE3ABC**, **TG9QK**, and **HC1ATG**. Bureau and *Callbook* addresses tried without success.
- KJ9I seeks help in getting a card out of **YO2IS**.
- WB2YIP seeks info on **VR0M** from 1978.
- YC3HCM looks for help with **CT2NH**, **CQWW** CW 1988.
- KA4YAE looks for a direct QSL route for **RH8AO**.
- SWL I4/765 needs help with the strange call **5HM77OW** on 15 meters in June, 1988.
- PY1OL seeks direct addresses for **UL7MM**, **UF6VZ**, and **WA3ZXX**, who is listed as QSL manager for **KG4AM**, and isn't in the 1989 *Callbook*. (The direct QSL address for **KG4AM** is Mark, GARC, Box 73, FBPO, Norfolk VA 23593.) He also is looking for a QSL route for **9Y4SD**, and alternate routes for **AH8A** and **HI3HCE**.
- And K8WKZ can't get cards for 6-meter QSOs with: **HH7PV** **8P6FW** **VE5UF** **TI7TE** **G4JQC** **TI7TE** and **FY5AU**. Any suggestions?

## QSL Help Offered

Thanks to PY1OL and OK1-30633 for the following QSL help:

- **G8GRN/5X** doesn't QSL, as his operation is not counted for DXCC.
- **ZK2JT** is John Thompson, Box 37, Niue Island.
- **4S7WP** is via **DJ9ZB**.
- **7X2MB** is Mohamed Bourkiche, 13 rue Haleul Tciherafi, Algiers.
- **FO8DT** is via **F6ESW**.
- **IR4VEQ** is via **I4VEQ**.
- **4D1AU** is **DU1AU**.
- **FR5ZD** is Guy Hoarau, 6 rue M. de Narbonne, 97427 Etang Sale Les Bain, Reunion Island.
- **FR5EL** is Michel Hoarau, Boite Postal 87, 97430 Le Tampon, Reunion Island.

## QSL Addresses

RD0N/RA3YG Box 5, Bryansk 241000 USSR  
 US0SU UA0KK, P.O.Box 44, Pevek 686610 USSR  
 3DA0BK Franz, P.O.Box 122, Evani, Swaziland  
 UR1RWX Tom, P.O.Box 13, Viimsi, 203006 Estonia  
 7X2DS Seghir, P.O.Box 105, Rouiba 35300 Algeria  
 UC1AWC QSL via UC2ABC, manager for all UC2 stations:  
 Mr. Roman, P.O.Box 888, Minsk 220050 USSR  
 UV9UWW Al, P.O.Box 20, Novokuznetsk 654000, USSR  
 UA0YO Sany, P.O.Box 176, Kyzyl, Tuva 667000 USSR  
 RA0SHT Igor, P.O.Box 2544, Bratsk 665714 USSR  
 7X5VVK Said, Boite Postal 341, 05000 Batna, Algeria  
 RF8V/UA9XFJ P.O.Box 20, Ukhta 169412, Koni Rep.  
 UF6VAG P.O.Box 1, Pitsunda City, 384894, Georgia Rep.



# B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

<b>RTTY</b>				
3A2EE	14083	0332	3	CO
3D2RW	14085	0517	3	CA
5Z4BH	21085	2033	4	CA
9J2AL	21089	2004	3	CA
CO2BB	14090	1245	28	OH
HP1AC	21092	2159	3	FL
KG4XO	21094	2238	28	CO
OD5NG	14085	0437	3	CO
RB5TV	21090	2055	28	OH
RF1F/	14094	0251	3	CO
UA3TT				
RL8PYL	14085	1213	24	HP
SP2FN	14095	0220	23	MI
SP9BCH	14090	0340	3	OH
SU1EE	14091	0238	3	CO
UC2ACT	14088	0303	1	WA
UT5RP	14083	0450	28	OH

<b>75 Meters</b>				
LU5GO	3797	2255	26	NC
OD5VT	3797	0100	25	NC
YO9CNR	3796	0225	23	NC
ZS1RL	3795	0450	27	NC

<b>40 Meters</b>				
CN4QC	7010	0019	11	FL
D68JL	7048	1920	24	EU
D68TW	7001	0258	5	CA
KX6BU	7159	0654	31	CA
KX6DC	7007	1033	3	MN
RD8D/	7002	0122	7	FL
UZ3QWX				
UO5OPW	7008	0115	1	IA

<b>30 Meters</b>				
FS5R	10105	0404	23	PA

<b>20 Meter CW</b>				
OT8C	14018	0109	10	FL
3B8CF	14033	1350	1	CA
3B8DB	14024	1300	4	WA
3B8DB *	14023	1236	4	CO
3B8FE	14039	1135	26	MI
3B8FE *	14032	1202	31	IL
3B8FQ	14021	1348	30	CA
3B9FR	14034	1340	4	CA
3D2AG	14021	1230	25	HP
3D2RW	14027	0551	5	IL
4C2TCQ	14014	0133	7	FL

Mexico				
4K0F	14004	0418	5	MN
4S7DA	14008	1115	3	MI
7X4VUK	14057	0120	2	MT
9J2BO	14036	1330	4	CA
9J8JA	14010	0005	11	FL
9M2MO	14019	0431	7	CO
9Q5DX	14019	2129	28	CO
9V1VV	14003	0356	4	MN
9V1XZ	14026	1405	4	CA
BV2A	14004	1325	30	OR
BV2B	14004	1326	30	LA
BV4QA	14037	1430	3	CA
BY1QH	14029	1445	3	CA
BY4RB	14026	1135	31	CA
C31LHJ	14001	0517	1	OR
EP2AK	14041	0505	7	CO
FK8FG	14040	1052	7	MA
FO5DF	14007	1024	10	FL
FR5AI/G *	14007	1200	3	MI
FR5DD	14013	1142	10	FL
FR5FO *	14037	1046	2	IL
HC8MA	14035	0344	5	MN
HV0PW	14003	2245	9	FL
JW/VK9NL	14026	1500	3	CA

JX7DFA	14010	1113	26	FL
JX7DFA	14011	2306	5	MD
JY9SR	14038	0039	11	FL
KH8AG	14044	0733	29	CO
OY1B	14026	2049	4	NJ
OY7ML	14025	0055	6	FL
PZ1DV	14003	0304	1	CO
R1W	14026	0251	2	NY
SV0MO/8	14004	0013	1	NB
T32AB	14004	0247	4	ID
T5CT	14026	1335	3	CA
TA4A	14005	0111	7	FL
TK89IU	14026	2340	2	MT
TL8RM	14003	0145	3	FL
TR8RM	14004	0151	4	CA
TY1OR	14004	0034	8	MA
UF6DZ	14026	0132	8	FL
UI9WZ	14026	0128	8	FL
UJ8AH	14010	0046	6	FL
UL7BN	14062	0039	3	MA
V85AA	14033	1400	1	CA
VP2EXX	14018	0032	8	FL
VS6UP	14041	1210	28	OH
YN/	14006	1208	1	MD
SMO0IG	14028	0044	6	FL
YN3CC	14004	1219	1	MD
Z21FN	14040	1335	1	CA
ZS8MI	14042	1325	2	WA
ZS8MI	14044	1518	1	OR
ZV7XW	14028	0130	8	FL

<b>20 Meter SSB</b>				
3A2EE	14163	0330	1	MI
3B8CA	14198	1346	29	IL
3B9FR	14165	1150	4	DE
4S7EA	14163	2345	1	NH
5Z4MR	14200	2110	3	MI
6W2EX	14225	0043	30	NV
7J6CAS	14226	1515	31	CA
7X5AV	14226	0000	23	MI
8R1AH	14173	0040	1	IA
9J2BO	14155	1445	29	CA
9K2KX	14250	2340	3	CA
9M2ZA	14165	1437	2	CA
9M6HF	14226	1440	30	OR
9N1MC *	14190	1204	28	CO
9V1XQ	14175	1126	1	FL
A41KC	14177	1415	4	CA
A41KJ *	14172	1300	3	MN
A61AB	14197	0035	2	NH
AP2ZA	14188	1410	29	CA
AP2ZA	14227	2254	31	FL
BY1QH	14225	1307	3	CO
CN2AQ	14209	0301	6	MN
EP2HZ	14208	0035	5	FL
FH8CB	14237	0400	3	MI
FH8CL	14230	0327	29	CA
FK8FM	14205	1202	2	GA
FK8FS	14222	0700	28	WV
FO5JV	14189	0900	2	FL
FO5LZ	14265	1104	28	FL
FR5AI/G	14139	1719	24	EU
FR5DD	14244	0330	3	MI
FR5ZD	14252	0245	1	MI
HS0B	14193	1124	27	CO
HZ1AB	14191	0145	2	WV
J88AQ	14163	2205	24	EU
JW/VK9NL	14240	0700	3	DE
JX7DFA	14210	2151	30	NH
KC4AAA	14210	0510	30	CA
KC4USV	14205	0427	3	CA
KC4USV	14205	1000	3	FL
KC6JC	14225	1149	2	CO
Eastern Carolines				
KX6AZ	14175	1030	31	FL
KX6HN	14194	1137	21	MA

OY7JD	14208	2342	4	MA
P29CEH	14195	1542	3	NH
S79J *	14194	1304	9	CO
S92LB	14280	2200	31	NV
T27LP	14193	1043	8	MA
T30BC	14246	1256	3	CO
T32AB	14156	0545	27	CO
T19FAG	14195	0257	9	MA
TU2UI	14155	0345	3	MI
T26MG	14144	1817	24	EU
UI9AWD	14177	0109	2	MA
VK0GC	14196	0400	1	PA
VK0GC	14180	1245	2	IA
Macquarie Island				
VK9ND	14290	0655	29	WV
VU2DNL	14194	1330	29	MT
VU2WAP	14201	1250	27	DE
XX9KA	14165	1358	29	CA
ZB2CF	14226	0010	30	LA
ZD8RP	14159	0742	28	CA
ZS3DM	14165	1439	4	CA
ZS8MI	14215	1030	26	FL
ZS8MI *	14229	1204	28	GA

<b>17 Meter CW</b>				
FY5AU	18072	2127	3	NY

<b>17 Meter SSB</b>				
HP1XSO	18120	2331	29	MA
HZ1AB	18116	1957	20	EU
LU1IV	18136	0229	4	MA
YN3LB	18145	1504	28	MA

<b>15 Meter CW</b>				
3B8CF	21030	0330	3	CA
3D2RW	21026	0217	4	FL
5H1HK	21043	1415	25	HP
9Q5DX	21006	2217	2	WA
9X5AA	21019	2100	30	NB
EA6AAK	21030	0040	8	FL
FR5AI/G	21008	1654	2	NB
HJ4NJE	21025	2234	9	FL
JY9SR	21030	0332	1	FL
KG4XO	21027	2305	5	NY
T28RW	21025	0431	7	CA
TA2BK	21030	2350	4	MT
TF3DS	21026	1625	30	IA
TF3RCC	21039	2303	1	NH
TK89IU	21028	2358	1	FL
TU4CO	21009	1602	31	FL
UC0IG	21019	1854	1	ID
UI8BAD	21016	0124	8	FL
UI8QU	21026	2146	6	FL
UM8MY	21027	0118	8	FL
YN/	21021	2134	31	MI
SMO0IG	21028	0046	8	MA
ZD8SE	21013	2119	9	FL
ZP9/	21021	0123	8	FL
PY5BI				

<b>15 Meter SSB</b>				
3B8FP	21335	1836	31	NH
3X1SG	21266	0054	4	MD
5N3BHF	21251	0510	4	MO
5N8BRC	21397	1335	3	WV
5N9NRK	21266	2246	3	MI
5Z4EH	21292	2045	28	OH
5Z4SH	21281	1830	24	MI
6W1PZ/7	21334	1411	4	MD
7X4BL	21208	2327	1	MN
9K2EC	21279	2115	4	MI
9K2KS	21265	0019	31	FL
9Q5XX	21245	1643	3	MA
9V1RH	21302	1620	28	CA
A92BE	21300	2330	1	MD
A92EV	21230	1605	20	NH
CE0DFL	21285	0248	5	MI

D44BS	21235	1838	4	MA
HS1BV	21250	1720	30	NH
HS1BV	21249	1915	1	WA
HX6JUN	21315	1534	3	MD
HZ1AB	21260	2355	1	CO
JY5DK	21280	2205	3	MI
KG4FB	21303	2227	3	MI
KH0AC	21310	0051	3	WV
OD5TV	21220	1240	3	IA
PY0FF	21296	1956	27	MA
S0RASD	21299	2137	2	CT
S92LB	21279	2149	1	GA
SU1EK	21278	0034	3	WV
SV5TS	21252	0234	6	MA
SV5TS	21262	2143	3	MI
TA2BK	21255	1621	3	MA
TA2BK	21294	2156	4	MI
TA3F	21290	1540	3	MD
TA4C	21272	2348	3	FL
TL8HW	21340	1956	29	MA
TR8RLA	21287	2055	2	CO
TZ6MG	21335	1819	3	WV
VQ9LW	21225	1935	23	EU
VR6MW	21352	2300	3	LA
VU2DK	21245	0157	5	MO
Y11BGD	21260	0240	6	MA
ZB2FK	21299	2255	3	MI
ZD8PJ	21273	2334	1	MN

<b>12 Meters</b>				
HZ1AB	24954	1954	20	EU

10 Meter CW				
6W1AAD	28013	1939	23	HP
9Q5DX	28017	2000	1	WA
CE0ZIG	28001	1900	27	PA
LU1ZA	28030	1756	24	HP
South Orkneys				
T30AC	28024	0044	28	FL
ZD8SE	28026	1731	22	HP
ZP6XDW	28018	1503	5	FL



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## Calendar

Issue 492 - June 16, 1989

(Changes and hot info in boldface.)

Antarctica	KC4USV 24205 10-1400Z	I492
Belau - KC6 (WCI)	DL7MAF/KC6 June	I492
Benin - TY	TY1OR 14004 0030Z	I492
Canary Islands - EA8	OH2BH/EA8 to August	I492
Cape Verde - D4	D44BS 15M SSB 17-1800Z	I492
Cayman Islands - ZF	ZF2s AH, JT July 1-28	I485
Central African Rep.	TL8NS 28500 13-1500Z	I490
Chad- TT	TT8CW 14250 0100 list	I491
Chagos - VQ9	VQ9ZZ through June	I490
China - BY	BY9GA 21026 2330-0145Z	I490
Conway Reef - 3D	Nov. 3-13 by OH1RY et al	I492
Corsica - TK	TK5IU 20M CW 23-03Z	I488
Dominica - J7	J79T July 4-18	I488
East Malaysia - 9M8	9M8PV 21205 0500Z, 21330 1500Z	I491
Eastern Carolines	KC6JC 20M SSB 1200Z	I492
Egypt - SU	SU1EE 21027 01-0300Z	I489
	SU1EK 21270-80 0030-0200Z	I492
Fiji - 3D	3D2AG 14165 1130Z	I491
Gabon - TR	TR8RLA 15M SSB 2100Z	I491
Glorioso - FR/G	FR5AI/G 14010 12-1300Z	I491
Guantanamo - KG	KG4XO 21027 23-0100Z	I492
Guinea-Bissau - J5	J57FD by LA7FD June 20-July 4	I492
Guyana - 8R	8R1AH 14185 0345Z	I487
Iraq - YI	YI1BGD 21260 0245Z	I492
Ivory Coast - TU	TU2JL 20M SSB 0430Z	I491
Jan Mayen - JX	JX7DFA 14010 1100Z, 2300Z	I492
Jordan - JY	JY9SR 21031 01-0300Z	I489
Kuwait - 9K	9K2KS 21250-265 00-0200Z	I492
Macquarie - VK0	VK0GC 14160-200 0400Z	I492
Malta - 9H	9H1IN by HB9DLE July 26-Aug 3	I492
Marion Island - ZS8	ZS8MI 14075 CW 1300Z+	I492
	28800 12-1300Z	I489
Mauritius - 3B	3B8DB 20M CW 1300Z	I492
Mongolia - JT	JT1KAA 21250 2330-0130Z	I489
Morocco - CN	CN2AQ 20M SSB 0300Z	I492
Nicaragua - YN	YN/SM0OIG 20M CW 0100Z	I487
	YN3CC 80M 0530Z, 21005/28005	13Z
Oblasts - 042 RJ7R	Late June, early July UT4Us	I491
003 UD6K	UB5JRR early July	I491
055 UI8U	UZ4FWD club June	I491
045 UH8W	UZ4FWD club June	I491
Oman - A4	A41KJ 14170-185 13-1400Z LP	I492
Reunion - FR	FR4FD 14005 0400Z	I491
Revillagigedo - XF4	XF4F 14300 1500 or 1600Z	I491
Rodriguez - 3B9	3B9FR 14195 1100Z long path	I491

Rotuma - 3D	3D2XV by VK2BCH June/July	I492
Rwanda - 9X	9X5AA 21360 kHz 1900Z Tuesday	I488
St. Pierre - FP	FP/K1RH June 30-July 7	I490
Sao Tome - S9	S92LB 21279 2200Z	I492
Senegal - 6W	6W6JX 28020 1250Z	I489
Seychelles - S7	S79J 14194 1300Z LP	I492
Somalia - T5	T5MF 15M SSB 1800Z	I491
South Georgia - VP8	VP8BUB 28470 1630Z list	I481
South Orkneys - LU/Z	LU1ZA 10M CW 1800Z	I489
South Shetlands	HL5BDS 28425 13-2000Z	I490
Southern Sudan - ST0	PA3CXC/ST0 in July ?	I491
Sri Lanka - 4S	4S7EA 14179 1230, 2330Z	I488
Sudan - ST	PA0GAM/ST2 21020 1900Z	I484
	20M CW 2300Z	I483
Swaziland - 3DA	3DA0BK 14220 1345Z long path	I491
Tanzania - 5H	5H3TW 21026 18-2200Z	I488
Turkey - TA	TA2BK 14030 0300Z	I490
	21025 01-03Z, 20-22Z	I490
	TA4A 20M CW 0100Z	I491
Tuvalu - T2	by K6EDV, ZL1AMO June 7-21	I490
United Arab Emirates	A61AC 14250 0300Z, A61AB	I492
Zaire - 9Q	9Q5XX 21250 1900Z	I488
Zambia - 9J	9J2BO 14025 13-1400Z	I488
Zimbabwe - Z2	Z21FN 20M CW 1330Z	I492
Zone 23	RV0YF 21006 1600Z	I485

### DX Activities and Contests

Date	Event or Activity	Info
June 17-18	All Asian DX SSB	CQ
July 1-2	Venezuelan Contest SSB	CQ
July 8-9	IARU HF Championship	QST

### Contributors

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